

INTERNATIONAL SEARCH REPORT

International Application No. DE6053
PCT/DE2004/000004A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16L37/00 F16L37/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Character of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 33 24 383 A (GEVIPPI A6) 12 January 1984 (1984-01-12) cited in the application the whole document	1
Y	FR 1 468 174 A (GRA TEC INC) 3 February 1967 (1967-02-03) page 3 -page 4	1
Y	US 6 290 263 B1 (MURKEN JOSEPH S) 18 September 2001 (2001-09-18) abstract; figure 1	1
Y	GB 902 447 A (HATHAWAY LTD L) 1 August 1962 (1962-08-01) the whole document	1

 Further documents are listed in the continuation of box C. Patent family members are listed in an add.

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the International search report

5 May 2004

02/06/2004

Name and mailing address of the ISA

European Patent Office, P.O. 3016 Patentbox 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2840, Tx: 81 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Eberwein, M

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Information on patent family members

International Application No. QV6053
PCT/DE2004/000004

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 3324383	A	12-01-1984	IT DE DK	1156050 B 3324383 A1 274183 A	28-01-1987 12-01-1984 10-01-1984	
FR 1468174	A	03-02-1967	NONE			
US 6290263	B1	18-09-2001	NONE			
GB 902447	A	01-08-1962	NONE			

Form PCT/ISA/210 (patent family entries) (January 2001)